



City of Rancho Palos Verdes
Community Development Department
Building and Safety Division
(310) 265-7800
Buildingsafety@rpv.com

Construction and Demolition Debris Waste Management Plan
NON-RESIDENTIAL PROJECT - INSTRUCTIONS

Requirements

The California Green Building Code and the City of Rancho Palos Verdes require diversion of the nonhazardous construction and demolition waste from non-residential construction and demolition projects. The project types and diversion requirements are:

Project Type	Criteria	Required Diversion
New Construction	All permitted structures (any size)	Equal to or greater than 50% diversion
Demolition only	All permitted projects (any size)	Equal to or greater than 50% diversion
Additions	Equal to or greater than 1,000 square feet. Applies only to and/or within specific area of addition	Equal to or greater than 50% diversion
Alterations	Equal to or greater than \$200,000 valuation. Applies only to and/or within specific area of alteration	Equal to or greater than 50% diversion

Instructions

A Waste Management Plan is to be submitted to the Community Development Department, otherwise your demolition/building permit will NOT be finalized.

Step 1: Complete Forms A and B

Form A is the **PROJECT INFORMATION** form. This form asks for basic project information, such as type, description, size, valuation, and applicant contact information.

Form B is the **PRE-PROJECT WORKSHEET** form. Estimate the weight of the C&D debris, by material type, that will be recycled, reused, salvaged, disposed and/or transformed.

Step 2: Submit Forms to the Community Development Department

Forms A and B must be submitted and approved before you can obtain a City of Rancho Palos Verdes demolition or construction permit.

Step 3: Complete Post-Project Summary - Form C

At least 7 business days prior to final, submit a completed Form C to the Community Development Department at buildingsafety@rpv.com

Must Be Completed Prior To Permit Issuance



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Plan Check No.: _____

Date: _____

Form A - Project Information - NON-RESIDENTIAL PROJECT

This form must be completed and approved or a demolition/building permit will NOT be issued

The City of Rancho Palos Verdes requires that contractors complete a Waste Management Plan for the reduction of waste produced from demolition and construction work performed within the City. City staff will provide assistance in developing and implementing the Waste Management Plan. If you have any questions regarding these requirements, please contact your assigned Planner or Inspector first.

Project Address: _____ **Date:** _____

Applicant Name: _____

Mailing Address: _____ **City:** _____ **State:** _____ **Zip:** _____

Phone No.: _____ **Fax No.:** _____ **Email:** _____

Property Owner: _____ **Phone No.:** _____ **Email:** _____

Project Type: Mark appropriate box with an "X":

☐

New Construction

☐

Demolition

☐

Addition

☐

Alteration

→ **Sq.Ft.** _____

→ **Valuation \$** _____

Estimated Project Start Date: _____ **Estimated Project End Date:** _____

Detailed Description of Project:

To the best of my knowledge, the above information is an accurate representation of the proposed project.

Print Name _____

Signature _____

OFFICE USE ONLY - Approval Status

☐

Approved

☐

Denied

☐

Further Explanation Needed

☐

Exempt due to Infeasibility

Must Be Completed Prior To Permit Issuance



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Plan Check No.: _____

Date: _____

Form B - Pre-Project Worksheet - NON-RESIDENTIAL PROJECT

This form must be completed and approved or a demolition/building permit will NOT be issued

In the table below, list estimated weight of debris, by material type, that will be generated, recycled, reused, salvaged, disposed, and/or transformed by this project. You must include the haulers and all recyclers, salvage companies, recycling facilities, mixed use material recovery facilities, landfills, and/or transformation facilities that will be used for this project.

To estimate GENERATION, enter estimates either in volume (cubic yards) or weight (tons) for each material type that will be handled by the project. If you do not know weights, you must calculate the weight by multiplying the volume by the conversion factor, then dividing by 2,000 to get tons). For example, 50 cubic yards of asphalt equals 19.32 tons ($50 \times 772.8 / 2000 = 19.32$).

After generation is estimated, enter the estimate for DIVERSION for each material type that will be handled by the project. This can be split between recycling and reuse/salvage. For example, 16.42 tons (85%) of the asphalt generated from the project could be recycled at an inert facility that takes asphalt and concrete, and 1.93 tons (10%) could be reused at a reuse store for a different project.

The difference between generation and diversion is DISPOSAL. If no diversion will take place for a material type, then disposal will equal the generation amount for each material type. If only a portion of the material will be diverted, then the remainder will be disposed. In the example, 0.97 tons (5%) of asphalt would be disposal from a project. If 100% of material will be recycled/reused, then disposal would equal 0 for that material type.

If a Mixed C&D Processing facility is to be used, enter the estimated volume to be delivered to the facility, the recycling rate for that facility, and the subsequent recycling and disposal estimates.

To estimate the project's DIVERSION RATE, divide the total of all diversion (B) by the total of all generation (A) and multiply by 100.

MATERIAL TYPE	GENERATION				DIVERSION			DISPOSAL	Name of Hauler	Name of Facility								
	Estimated Volume (cubic yards) <small>ENTER ESTIMATE IN VOLUME OR WEIGHT COLUMN ONLY</small>	Estimated Weight (tons)	Conversion Factor (lb/cy)	Total Tons to be Generated	Tons to be Recycled	Tons to be Reused or Salvaged	Total Tons Recycled, Reused, or Salvaged	Total Tons to be Disposed and/or Transformed										
Asphalt (sample)	50.00		772.80	19.32	16.42	1.93	18.35	0.97										
Mixed C&D Debris Processing (sample)	520.00		1,100.00	286.00	75% Recycling Rate		214.50	71.50										
Asphalt			772.80															
Bulky Items			80.00															
Cardboard			53.00															
Carpet			147.00															
Carpet Padding			62.00															
Clay Roofing Tile			860.00															
Comp. Roofing Material (not Tile)			731.00															
Concrete, Dirt, Gravel, Rock, Sand			929.33															
Doors																		
Fiberglass Insulation			17.00															
Fixtures																		
Flat Glass			1,400.00															
Gypsum			467.00															
HVAC Ducting			47.00															
Major Appliances			145.00															
Metals			225.00															
Other Aggregates			860.00															
Leaves & Grass			312.50															
Trimmings, Branches, & Stumps			127.00															
Windows																		
Wood, Lumber, Pallets			169.00															
Mixed Trash			1,100.00															
Mixed C&D Debris Processing			1,100.00		Recycling Rate													
TOTAL GENERATION				0.00	TOTAL DIVERSION			0.00	0.00									
A					B													
									ESTIMATED TOTAL PROJECT DIVERSION RATE									
									$(B \div A) \times 100$									
Definitions Disposal is debris that is delivered to a landfill and/or transformation facility and not recycled, reused, or otherwise repurposed. Diversion is debris that is recycled, reused, or otherwise repurposed. Generation is the total of all disposal and diversion activities.																		
If you need assistance in determining the total amount of C&D debris expected to be generated from this project, the following factors may be used for your project estimate:																		
<table border="1"> <thead> <tr> <th>PROJECT TYPE</th> <th>C&D Debris Generation (pounds per square foot)</th> </tr> </thead> <tbody> <tr> <td>Non-Residential New Construction</td> <td>3.89</td> </tr> <tr> <td>Non-Residential Demolition</td> <td>155.00</td> </tr> <tr> <td>Non-Residential Remodel</td> <td>2.85</td> </tr> </tbody> </table>											PROJECT TYPE	C&D Debris Generation (pounds per square foot)	Non-Residential New Construction	3.89	Non-Residential Demolition	155.00	Non-Residential Remodel	2.85
PROJECT TYPE	C&D Debris Generation (pounds per square foot)																	
Non-Residential New Construction	3.89																	
Non-Residential Demolition	155.00																	
Non-Residential Remodel	2.85																	

A list of facilities that will accept C&D debris for recycling, reuse, and salvage is included in this packet. Use of a Certified C&D Processor will facilitate meeting the 50% diversion requirement. The City does not endorse or support the use of any specific facility or processor.

Complete In Order To Obtain Final



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Form C - Post-Project Summary - NON-RESIDENTIAL PROJECT

Project Address: _____ **Plan Check No.:** _____

Applicant Name: _____ **Date:** _____

This form must be submitted to the Community Development Department at least 7 business days prior to final inspection. Provide facility name, material, and total tonnage disposed and/or diverted. Documentation must be attached (i.e. weight tickets). If an approved mixed waste processing facility was used, a report by the facility for this project is preferred. You may use additional sheets if necessary.

SUMMARY

I. DISPOSAL FACILITIES

Please list all disposal facilities (i.e. landfill and/or transformation) used for this project and enter the sum of all tickets/receipts per facility:

FACILITY NAME	TOTAL TONNAGE	FACILITY NAME	TOTAL TONNAGE
		Sub Total	A

II. RECYCLING/REUSE/SALVAGE FACILITIES

Please list all recycling facilities or recyclers used for this project and enter the sum of all tickets/receipts per facility, by material recycled:

FACILITY/RECYCLER NAME	MATERIAL	TOTAL TONNAGE
		Sub Total

III. MIXED C&D DEBRIS PROCESSING FACILITIES

Please list all certified mixed C&D processing facilities used and enter the sum of all tickets/receipts per facility:

FACILITY NAME	TOTAL TONS DELIVERED	TONS DIVERTED	TONS DISPOSED
	Sub Totals	C	D

PROJECT TOTALS

Please enter disposal and diversion totals for each item below, according to letter. Totals reported must match those listed in Sections I-III:

TOTAL DISPOSED E **TOTAL DIVERTED** F **TOTAL GENERATED** G
 (A+D) (B+C) (E+F)

OVERALL PROJECT DIVERSION RATE
 (F÷G)*100

To the best of my knowledge, the above information is an accurate representation of the disposition of the construction and demolition materials generated on-site at the construction job. I understand that the City of Rancho Palos Verdes may audit disposal and recycling documentation for this project.

Print Name _____

Signature _____

OFFICE USE ONLY

Project Address: _____

Project No. _____

Diversion Requirement Met: ☐ Yes ☐ No

Final Compliance Report Approved: ☐ Yes ☐ No

Summary Approved by: _____

Date: _____

Email Address: _____



**CITY OF RANCHO PALOS VERDES
CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING
RECYCLING AND DIVERSION FACILITIES LOCATED NEAR RANCHO PALOS VERDES**

Facility/Company	Address	City	Zip	Phone	Materials													Comments
					Mixed C&D Materials*	Asphalt	Concrete	Gravel, Rock	Other Inert Materials	Metal	Rebar	Cardboard	Carpet	Drywall	Green Waste	Topsoil	Wood / Lumber	
Alpert & Alpert	2350 W. 16th St.	Long Beach	90813	(562) 624-8833						X								
Amazon Environmental	6688 Doolittle Ave.	Riverside	92503	(951) 588-0206													X	Latex Paint
Arnone Recycling Center	5674 Cherry Ave.	Long Beach	90805	(562) 984-7080						X							X	Cans, plastic
American Reclamation*	4560 Doran Street	Los Angeles	90039	(323) 245-5133	X													85.54% diversion
Another Pallet Co.	6116 Paramount Blvd.	Long Beach	90805	(462) 408-6106													X	Stacked wood only
California Waste Services*	621 W. 152nd St.	Gardena	90247	(310) 538-5998	X	X	X		X	X		X		X	X		X	70% diversion
Chandlers Sand & Gravel	26311 Palos Verdes Drive E	PV Peninsula	90274	(310) 784-2905		X	X	X	X									Clean asphalt and concrete - 100% diversion; Asphalt and concrete mixed with dirt - 50% diversion
Clean Up America*	2900 E. Lugo Street	Los Angeles	90023	(323) 980-9930	X													73.41% diversion
Community Recycling*	9147 DeGarmo Avenue	Sun Valley	91352	(818) 767-7511	X													91.99% diversion
Construction & Demolition Recycling*	9309 Rayo Ave.	South Gate	90280	(323) 357-6900	X	X	X	X	X	X	X	X	X	X	X		X	77.58% diversion
D&D Recycling	1429 W. 130th St.	Gardena	90249	(310) 329-8475									X					Carpet and padding
Direct Disposal*	3720 Noakes Street	Los Angeles	90023	(323) 262-1604	X													70.09% diversion
Downtown Diversion / USA Waste*	2424 E. Olympic Blvd. #3	Los Angeles	90021	(213) 612-5005	X	X	X	X	X	X		X		X			X	76% diversion
East Valley Diversion / USA Waste*	11616 Sheldon Street	Sun Valley	91352	(818) 252-0019	X													71.35% diversion
Falcon Recycling & Transfer / Allied*	3031 "I" Street	Wilmington	90744	(562) 590-8531	X	X	X		X	X		X			X		X	81.52% diversion
FS Southwest Woodworks Co.	140 E. 163rd St.	Gardena	90248	(310) 538-9165													X	Wood pallets only
G. Harris International	1025 MacFarland Ave.	Wilmington	90744	(310) 513-1424						X								
GS Brothers	2215 N. Gaffey St.	San Pedro	90731	(310) 833-1369											X			
Habitat for Humanity ReStore	17700 S. Figueroa St.	Gardena	90248	(310) 323-4663													X	95% diversion. Materials and fixtures in good condition
Hanson Aggregates	6956 Cherry Ave.	Long Beach	90805	(800) 300-6120		X	X											
Ideal Metal & Salvage Co.	18700 S. Broadway St.	Gardena	90248	(310) 324-1191						X								
Los Angeles Fiber Co.	4920 Boyle Ave.	Vernon	90058	(323) 589-5637									X				X	Textiles, carpet padding
Lovco Construction Recycle Site	23320 S. Alameda St.	Carson	90810	(562) 673-6759		X	X											
MB Landscaping	19202 Main St.	Carson		(310) 527-7750											X	X	X	
Pacific Pallet Co.	2110 W. Gaylord Ave.	Long Beach	90803	(562) 432-4315													X	Pallets
RC Pallets	11500 Wrightwood Rd.	Lynwood	90262	(310) 608-3330													X	Pallets only
The Reuse People	11017 Sutter Ave.	Pacoima	91331	(310) 946-3179													X	Deconstruction service
Saint Mena Metal Co.	12756 Castle Ave.	Compton		(310) 279-6761						X								Can provide pickup service
Sims Metals	901 New Dock St.	Terminal Island	90731	(310) 831-0281						X	X							
Whittier Fertilizer	9441 Kruse Rd.	Pico Rivera	90660	(562) 699-3461											X		X	

* "Mixed C&D Materials" means loads of mixed debris are separated at the facility for recycling. These facilities are certified to attain a minimum of 50% diversion.

Always call the company first, as information is subject to change, and some facilities may take only a specific type of material.

The City of Rancho Palos Verdes is not liable for any errors, omissions or changes on this list, nor does it guarantee the accuracy of any information regarding materials, services or products. These are privately-owned facilities and not affiliated with the City of Rancho Palos Verdes or the County of Los Angeles. The list is not intended to be exhaustive but has been developed to assist customers to find recycling facilities as an alternative to disposal.

RPV'S LIST OF AUTHORIZED COMMERCIAL HAULERS

ROLL-OFFS, DUMPSTERS, AND BINS

Total of 8 Companies

2015

The list below is in alphabetic order. You may contact any hauler from this list.

Look for the best price and service that suits your needs and deadlines.

CAL MET SERVICES	CA WASTE SERVICES (CWS)	CONSOLIDATED DISPOSAL SERV (Republic/Allied Waste)
P.O. Box 2137 Paramount, CA 90723 (562) 259-1239 Fax (562) 529-7688 Roll-off & Small Dumpsters	621 W. 152nd Street Gardena, CA 90247 (310) 538-5998 or (800) 839-5550 Fax (310) 538-9040 Roll-off & Small Dumpsters	12949 Telegraph Rd Santa Fe Springs, CA 90670 (800) 299-4898 Fax (562) 906-0251 Roll-off & Small Dumpsters
EASY ROLL-OFF	EDCO CORPORATION	UNIVERSAL WASTE SYSTEMS (UWS)
2145 West 16th Street Long Beach, CA 90813 (562) 432-6211 Fax (562) 432-0747 Roll-off Only. Also Manure Pickup	2755 California Ave. Signal Hill, CA (310) 540-2977 Fax (562) 423-1971 Roll-off & Small Dumpsters	P.O. Box 3038 Whittier, CA 90605 (800) 631-7016 Fax (562) 941-4915 Roll-off & Small Dumpsters. Also Manure Pickup
WASTE MANAGEMENT - L.A. (WM)	WEST COAST ROLLOFF	
1970 E. 213th Street Long Beach, CA 90810 (800) 774-0222 Fax (310) 522-6570 Roll-off & Small Dumpsters	3100 Puente Street Fullerton, CA 92835 (310) 532-6732 Fax (714) 255-0154 Roll-off Only	



RECYCLING SERVICES:

Recycling is offered at a lower/discounted rate.

If you have a separate recycling bin, ask for a discount

Recycle and Save Money!

NOTE: An Encroachment Permit is required for any dumpster/bin placed at the curb or on the public right-of-way. Call the Dept. of Public Works at 310-544-5252 to obtain information and a Permit.

Dumpsters/bins placed on private property (on the driveway and/or yard) do not need an Encroachment permit.